



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090804

Mode: Highway

Status: Submitted

NC-904 (Seaside Road)

From/Cross Street: US 17

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 179

Project Category: Regional Impact

Length: 2.21

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$19,992,000

Description:

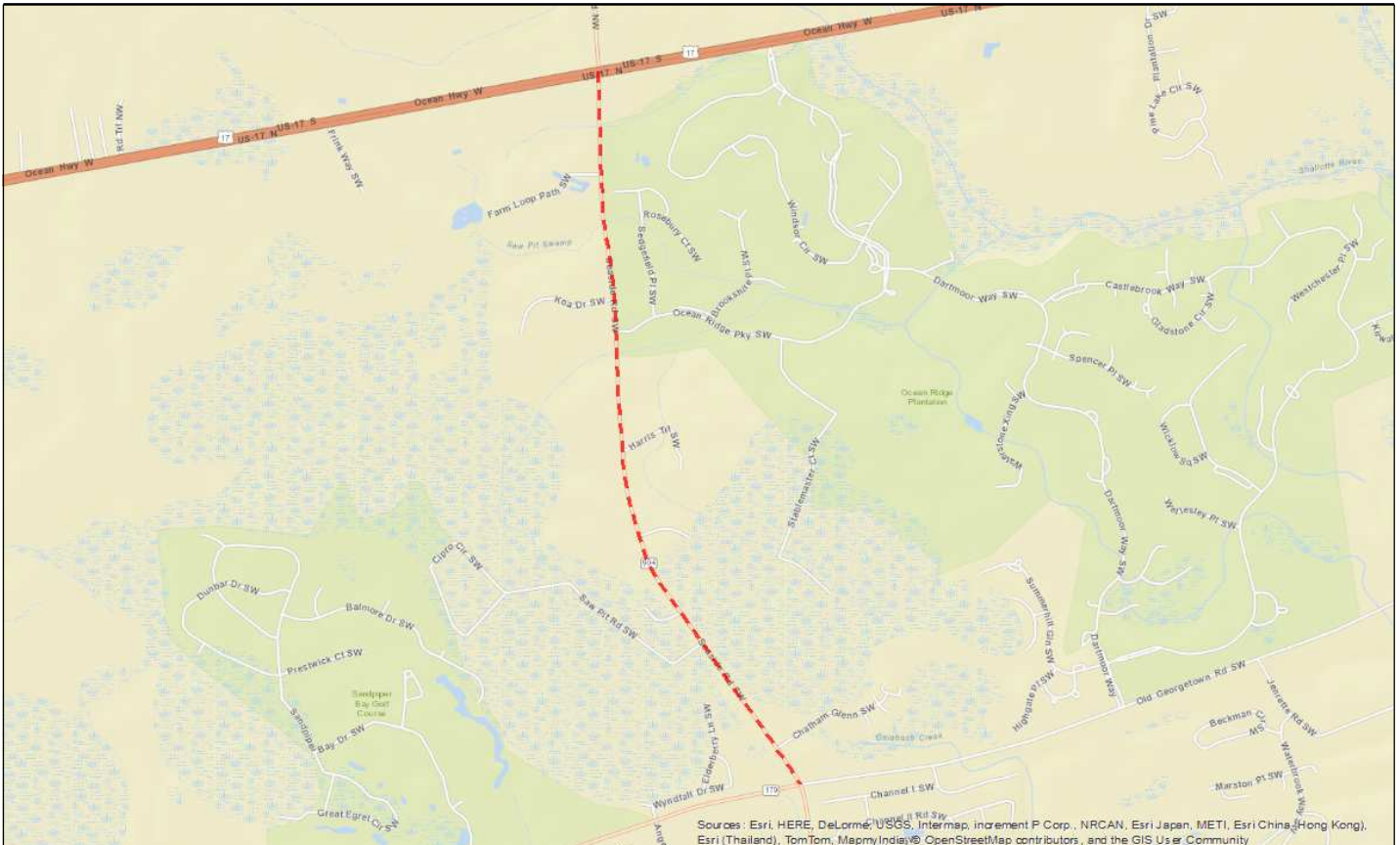
Upgrade from NC 179 to US 17 to Alleviate Congestion and Improve Safety. This Highway Acts As a Hurricane Evacuation Route

Division(s): Division 3

County(s): BRUNSWICK

MPOS(s)/RPO(s): Grand Strand Transportation Study Area

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 28.99

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 53.90	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 2.08	Points: 0	Points: 100
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 70% Weighted Score: 13.99		

Division Needs Total Score: 21.19

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (20%) 53.90	Percent: 25%	Percent: 25%
Multimodal + [Freight & Military] (10%) 2.08	Points: 0	Points: 0
Congestion (V/C) (20%) 51.02		
Totals: Weight: 50% Weighted Score: 21.19		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2.21
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	12000
Capacity:	15576.29
Volume/Capacity Ratio:	0.77
% Autos:	97%
% Trucks:	3%
Truck Volume:	415.13
Crash Density:	81.11
Crash Severity:	46.5
Critical Crash Rate:	34.1
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	94
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.21
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-317606.14
Travel Time Savings for 30 Years (Autos):	-306618.81
Travel Time Savings for 30 Years (Trucks):	-10987.33
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Grand Strand Transportation Study Area	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$16,530,000	TIP Unit
Right-of-Way Cost:	\$3,091,000	Cost Estimation Tool
Utilities Cost:	\$371,000	Cost Estimation Tool
Total Project Cost:	\$19,992,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$19,992,000	